

ABSTRACT OF THE DISCLOSURE

A method and system is provided for indexing, sorting, and displaying a video database. Hardware and software components, and a novel encoding process are used to provide a searchable video and informational database. Each encoder and the User use specially configured graphical user interfaces to access the system. In the preferred embodiment, component clips of different videotape views of a sporting event are batch encoded and synchronized. Data which remains constant for at least a part of a game is automatically reused. A MasterPlayerId assigned to each player is used to index all video clips and information relating to that player. A rating service provides ratings of individual plays or players. The present invention includes powerful search features that permit a User to search the informational and video database according to numerous predefined and customized criteria. A novel encoding scheme permit the viewing of MPEG format video clips in a form of slow motion. A dedicated console permits the User to view selected information using a first display screen while simultaneously displaying some or all of this information to at least one other person using a second display screen. The present invention also permits the User to select and save custom view sets of video clips, and to control the video display. The User can switch this camera view during play or can replay a clip from a different camera view.